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# INFORMATION REPORT

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China

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THIS IS UNEVALUATED INFORMATION

1. Soviet agricultural aid to Communist China has been small. Some time ago the USSR presented to the Chinese Communists as gifts certain agricultural machinery and seeds with which the Chinese Communists were to conduct experiments. Additional machinery or seeds were to be negotiated for, when desired, through some manner of barter arrangement. However, the Chinese Communists are attempting to manufacture their own agricultural implements.
2. The following types of Soviet-made agricultural machinery have been made available to the Chinese Communists:
  - a. A-erh-tzu-lien-tai-shih (阿爾茲鏈帶式) tractors<sup>1</sup>, one type with 37 horsepower and another with 10 horsepower.
  - b. Five K-35 wu-t'i (五體) plows, each capable of plowing 126 shih mou<sup>2</sup> to a depth of 0.75 shih ch'ih<sup>3</sup> in ten hours.
  - c. MKP-0.25 maize threshing machines<sup>4</sup>, each capable of threshing 500 shih chin<sup>5</sup> per hour with manual operation and 16,000 shih chin per hour by electric power.
  - d. GK-5 powder sprayers<sup>6</sup> which can spray 12 shih mou per hour.
  - e. OPD oval-shaped atomizers and OP-3 hand-operated bellows-type dust sprayers.
  - f. Wheat harvesting machines, yao-pi (搖臂) type<sup>7</sup>, with 2 to 3 horsepower capable of harvesting 8.2 shih mou per hour.
  - g. Sowing machines, each with 10 circular disks and capable of sowing 8.7 shih mou per hour.

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**No Change in Class.**

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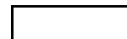
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3. The USSR has given Communist China the following types of seeds:

- a. Ukraine 0246 winter wheat.<sup>8</sup>
- b. Lo-fu-ssu-chi (羅夫斯基)<sup>9</sup> cotton seeds.<sup>10</sup>
- c. C-3173 cotton seeds.<sup>11</sup>
- d. Seeds for rubber producing plants:<sup>12</sup>
  - (1) Taraxacum kok-sagiz rod (Ch'ing hsiang ts'ao 青橡草)
  - (2) Scorzonera tau-sagiz (Shan hsiang ts'ao 山橡草)
  - (3) Parthenium argentatum (Yin hsiang ch'ü 銀橡菊)

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1. Comment. Possibly Altai (Tractor Factory) chain-belt drive tractors.

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2. Comment. 1 shih mou = 0.1647 acres.

3. Comment. 1 shih ch'ih = 0.3 meters = 1.0936 ft.

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4. Comment. Possibly corn shuckers.

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5. Comment. 1 shih chin = 0.5 kilograms = 1.1023 lbs.

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6. Comment. Possibly dust sprayers.

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7. Comment. Possibly oscillating arm type.

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8. Comment. Experimentation with this seed gave a maximum yield of 250 shih chin per shih mou. The maximum yield for Northwest white winter wheat (pai tung mai 白冬麥) is 190 shih chin per shih mao.

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9. Comment. Possibly Lvovski or Lovski.

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10. Comment. Experimentation has shown that this seed produces short fibers and that the plant has strong resistance against wind.

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11. Comment. Experimentation has shown that these cotton fibers are long and thin and that the young plants are weak and cannot resist wind.

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12. Comment. Experimentation shows that these three plants are suitable for growth in Sinkiang, Tsinghai, Ninghsia, Shensi and Kansu provinces. The rubber content of (1) has been determined to be 7.4 - 7.9 (sic); the rubber content of the others has not been determined.

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Comment. These figures probably refer to between 7.4% and 7.9% of the rubber hydrocarbon content of kok-sagiz, based on the dry weight of the root.

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